

## ABSTRACT

A latch assembly for coupling a rechargeable battery to an electronic device is provided. The latch assembly includes an insertable latch having barbed wing members extending distally from a planar member. The planar member includes several features, including an insertion snap,  
5 a spring retention post and a mechanical stop. The latch is inserted into a latch aperture in a battery pack housing. The latch aperture includes a plurality of slots for receiving the various features of the latch. A spring, like a butterfly spring for example, provides an outward force between the latch and the housing. The latch assembly is designed for ease of manufacture, in that assembly is simply inserting the spring in the latch aperture and then snapping in the latch.